PATENT APPLICATION **HEWLETT-PACKARD COMPANY** Intellectual Property Administration P.O. Box 272400 10014091 -1 ATTORNEY DOCKET NO. _ Fort Collins, Colorado 80527-2400 Confirmation No.: 6419 Inventor(s): Hultao Luo Examiner: Kee Tung Application No.: 10/046797 Group Art Unit: 2628 Filing Date: Jan 14, 2002 Title: Systems And Methods For Processing Boundary information Of A Graphical Object **Mail Stop Commissioner For Patents** PO Box 1450 Alexandria, VA 22313-1450 TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT Transmitted herewith is/are the following in the above-identified application: Petition to extend time to respond Response/Amendment Supplemental Declaration New fee as calculated below No additional fee X Other Certificate of Correction Fee\$ CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY (7) (1) FOR (3) ADDITIONAL RATE CLAIMS REMAINING NUMBER HIGHEST NUMBER **PRESENT FEES** PREVIOUSLY PAID FOR **EXTRA** AFTER AMENDMENT **EXTRA** TOTAL MINUS \$52 \$ 0 **CLAIMS** = 0 Х INDEP MINUS \$220 Х \$ 0 = 0 CLAIMS FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM \$ 0 \$390 4th Month **EXTENSION** 1st Month 2nd Month 3rd Month 0 FEE \$130 \$490 \$1110 \$1730

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Huitao Luo

TOTAL ADDITIONAL FEE FOR THIS AMENDMENT

y. JAZ-

Attorney/Agent for Applicant(s)

OTHER FEES

\$

0

Reg No.: 38,423

Date: /2 - 0T - 04

Telephone: 650 857 2295

Rev 10/08 (E-TransAmd)

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER: 10014091-1

IN RE APPLICATION OF: U.S. Patent No. 7,388,988

USPTO CONFIRMATION CODE: 6419

APPLICATION NO.: 10/046,797

FILED: Jan. 14, 2002

EXAMINER: Kee Tung

GROUP ART UNIT: 2628

FOR: SYSTEMS AND METHODS FOR PROCESSING BOUNDARY

INFORMATION OF A GRAPHICAL OBJECT

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 10/046,797, now Patent Number 7,388,988.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.
All errors were the fault of the applicant and, accordingly, please charge \$100.00 to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.
The errors were the fault of both the applicant and USPTO and, accordingly, please charge \$100.00 to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

On the face page, in field (56), under "Other Publications", in column 2, lines 1-3, delete "Huitao Luo and Alexandros Eleftheriadis, "Designing an Interactive Tool for Video Object Segementation and Annotation," Advent Group, Columbia University, Jul. 12, 1999.". (Repeated entry) (List of References cited by applicant and considered by examiner dated Dec. 03, 2003, sheet 1 of 1, under "Other References", entry 1, lines 1-2)

In column 7, line 14, after "of" insert - - the original - -. (Specification filed on Jan. 14, 2002, page 10, line 6)

In column 8, line 10, delete "si" and insert - - s_i - -, therefor. (Specification filed on Jan. 14, 2002, page 11, line 10)

In column 9, line 16, delete " $b_N^{(s)}$ " and insert -- $b_{N_s}^{(s)}$ --, therefor. (Specification filed on Jan. 14, 2002, page 12, line 24)

In column 9, line 21, delete "n," and insert - - n_s - -, therefor. (Specification filed on Jan. 14, 2002, page 13, line 2)

In column 13, line 25, delete "argmax" and insert - - arg max - -, therefor. (Specification filed on Jan. 14, 2002, page 19, line 2)

In column 13, line 41, delete "argmax" and insert - - arg max - -, therefor. (Specification filed on Jan. 14, 2002, page 19, line 10)

In column 14, line 37, delete "<,>" and insert - - <,\" - -, therefor. (Specification filed on Jan. 14, 2002, page 20, line 10)

In column 14, line 67, delete " $P_{74}(x)$ " and insert - - $P_{\theta}(x)$ - -, therefor. (Specification filed on Jan. 14, 2002, page 20, line 27)

In column 15, line 1, delete " $P_{74}(x)$ " and insert - - $P_0(x)$ - -, therefor. (Specification filed on Jan. 14, 2002, page 21, line 1)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

DATE

Name: Lloyd E Dakin Registration No.: 38,423

Attorney/Agent of Record

HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO : 7,388,988

APPLICATION NO.: 10/046,797

ISSUE DATE : Jun. 17, 2008

INVENTOR(S) : Huitao Luo

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Other Publications", in column 2, lines 1-3, delete "Huitao Luo and Alexandros Eleftheriadis, "Designing an Interactive Tool for Video Object Segementation and Annotation," Advent Group, Columbia University, Jul. 12, 1999.". (Repeated entry)

In column 7, line 14, after "of" insert - - the original - -.

In column 8, line 10, delete "si" and insert - - s_i - -, therefor.

In column 9, line 16, delete " b_N " and insert -- $b_{N_s}^{(s)}$ --, therefor.

In column 9, line 21, delete "n," and insert - - n_s - -, therefor.

In column 13, line 25, delete "argmax" and insert - - arg max - -, therefor.

In column 13, line 41, delete "argmax" and insert - - arg max - -, therefor.

In column 14, line 37, delete "<,>" and insert - - <,\" - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO : 7,388,988

APPLICATION NO. : 10/046,797

ISSUE DATE : Jun. 17, 2008

INVENTOR(S) : Huitao Luo

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 14, line 67, delete " $P_{74}(x)$ " and insert - - $P_{\theta}(x)$ - -, therefor.

In column 15, line 1, delete " $P_{74}(x)$ " and insert - - $P_{\theta}(x)$ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.